

United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

AUGUST 1939

Any five of the nontechnical publications listed herein, unless indicated "For sale only," may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Reseeding range lands of the intermountain region. George Stewart, R. H. Walker, and Raymond Price, Forest Service. 25 p., illus. (F. B. 1823F.) Price, 5¢.

The Black Hills beetle, a serious enemy of Rocky Mountain pines. J. A. Beal, Bureau of Entomology and Plant Quarantine. 22 p., illus. (F. B. 1824F.) Price, 5¢.

Sand-dune reclamation in the southern Great Plains. Charles J. Whitfield and John A. Perrin, Soil Conservation Service. 18 p., illus. (F. B. 1825F.) Price, 5¢.

LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletin except that the leaflets are confined to specific practical direction, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

Elm bark beetles. T. H. Jones, Bureau of Entomology and Plant Quarantine. 8 p., illus. (Leaf. 185L.) Price, 5¢.

TECHNICAL BULLETINS

The Technical Bulletin series contains the result of scientific and research work applying to a special crop, industry, or locality. The editions are limited as they are intended primarily for scientific workers and subject-matter specialists.

Effects of fire and cattle grazing on longleaf pine lands as studied at McNeill, Miss. W. G. Wahlberg, Forest Service, S. W. Greene, Bureau of Animal Industry, and H. R. Reed, Bureau of Plant Industry. 52 p., illus. (T. B. 683T.) Price, 10¢.

Weather and plant-development data as determinants of grazing periods on mountain range. David F. Costello, and Raymond Price, Forest Service. 31 p., illus. (T. B. 686T.) Price, 10¢.

Status and relative importance of the parasites of the hessian fly in the Atlantic States. C. C. Hill, J. S. Pinckney, and E. J. Udine, Bureau of Entomology and Plant Quarantine. 15 p., illus. (T. B. 689T.) Price, 5¢.

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

Toxicity of certain organic insecticides to codling moth larvae in laboratory tests. E. H. Siegler, F. Munger, and L. E. Smith, Bureau of Entomology and Plant Quarantine. 10 p. (Cir. 523C.) Price, 5¢.

Large-scale organization in the dairy industry. R. K. Froker and A. W. Colebank, Wisconsin Agricultural Experiment Station, and A. C. Hoffman, Bureau of Agricultural Economics. 68 p., illus. (Cir. 527C.) Price, 10¢.

MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the Department, particularly those of a size other than octavo. Such publications were formerly issued as *Miscellaneous Circulars*.

Soil defense of range and farm lands in the Southwest. E. M. Rowalt, Soil Conservation Service. 51 p., illus. (M. P. 338M.) Price, 10¢.

Taxonomy of some scale insects of the genus *Parlatoria* encountered in plant quarantine inspection work. Harold Morrison, Bureau of Entomology and Plant Quarantine. 34 p., illus. (M. P. 344M.) Price, 10¢.

List of sires proved in dairy herd improvement associations 1939. Bureau of Dairy Industry. 105 p. (M. P. 353M.) Price, 15¢. Restricted.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. Free distribution is limited to persons in the employ of the Department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Regulations for warehousemen storing cherries in sulphur dioxide brine. Re-issued June 1939 as amended. Service and regulatory announcements No. 134. Bureau of Agricultural Economics. 19 p. (S. R. A.—B. A. E. 134).¹

Bureau of Animal Industry. Service and regulatory announcements. July 1939. Pp. 73-84. (S. R. A.—B. A. I. 387). Price, 5¢ each.²

Notices of judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 79-110. (N. J., F. D. 30201-30250). Drugs.¹

SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area.

California, Contra Costa County. (No. 26, series 1933.) 83 p., illus. Price, 75¢.

Iowa, Ida County. (No. 30, series 1933.) 32 p., illus. Price, 30¢.

Oklahoma, Garfield County. (No. 5, series 1935.) 48 p., illus. Price, 50¢.

Wyoming, Johnson County. (No. 28, series 1933.) 34 p., illus. Price, 60¢.

OTHER PUBLICATIONS

Community forests. Forest Service. Folder, illus.¹

Highways of history. Bureau of Public Roads. [74 p.], illus. Price, 25¢.¹

Report of Federal Surplus Commodities Corporation for the fiscal year 1938. 23 p.¹

COMMODITY EXCHANGE ADMINISTRATION

Commodity Exchange Act, as amended: Rules and regulations of the Secretary of Agriculture thereunder; order of Commodity Exchange Commission pursuant to section 4a, and order of Secretary of Agriculture pursuant to section 5a (4) of Act. Effective June 3, 1939. Commodity Exchange Administration. 61 p.¹

¹ May be obtained from the issuing bureau.

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

Indicate below, by numbers IN NUMERICAL ORDER, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Requests for change of address must show old as well as new address.

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Farmers' Bulletins	Leaflets	Other publications

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 23, no. 8, August 1939. Price, 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.²

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Crops and markets. Vol. 16, no. 7, July 1939. Price, 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.²

Statistics concerning crop and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions, and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, \$3 a year; daily, including Sundays and holidays, 30¢ a month, \$3.00 a year. Sunday and holiday maps only 50¢ a year. Foreign subscription, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts are issued at numerous stations through the United States, 20¢ a month, \$2.40 a year.²

Experiment station record. Vol. 81, No. 2, August 1939. Price, \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.75 per volume, foreign. Single numbers for sale only. Price, 15¢.²

A technical review of scientific literature pertaining to agriculture.

Extension service review. Vol. 10, no. 8, August 1939. Illus. Price, 10¢ a copy; 75¢ a year, domestic; \$1.15 a year, foreign.²

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Fire control notes. Vol. 3, no. 2, April 1939. Price, 15¢ a copy; 50¢ a year, domestic.²

A quarterly periodical devoted to the technique of fire control. The articles deal with fire research or fire control management; theory, relationships, prevention, equipment, detection, communication, transportation, cooperation, planning, organization, personnel management, training, fire-fighting methods of reporting, and statistical systems.

Journal of agricultural research. Price, \$3.25 a year, domestic; \$4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.² Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. The Office of Information has none for general distribution.

A-188. (In Vol. 58, No. 10.) Experimental trichostrongylosis in sheep and goats. John S. Andrews.

A-189. (In Vol. 58, No. 10.) Life history of the nematode *Cooperia curticei*, and development of resistance in sheep. John S. Andrews.

²Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.



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G-1121. (In Vol. 58, No. 11.) Anatomical studies of root and shoot primordia in 1-year apple roots. E. A. Siegler and J. J. Bowman.

G-1127. (In Vol. 58, No. 10.) Influence of various factors on the shape of beet roots. Ross C. Thompson.

G-1128. (In Vol. 58, No. 9.) The relation of nutrients to toxicity of arsenic, borax, and chlorate in soils. A. S. Crafts.

G-1130. (In Vol. 58, No. 10.) Optimum solutions as physiological reference standards in estimating nitrogen utilization by *Aspergillus niger*. Robert A. Steinberg and John D. Bowling.

N-4. (In Vol. 58, No. 11.) Relation of the structure of the chalazal portion of the cotton seed coat to rupture during ginning. Norma L. Pearson.

Calif.-108. (In Vol. 58, No. 10.) Relative influence of the various factors that affect egg production of turkeys during different parts of the first laying year. V. S. Asmundson.

N. Y. (Geneva)-12. (In Vol. 58, No. 6.) Chemical elimination of saprophytes during laboratory germination of seed peas. Willard Crosier and Stewart Patrick.

N. C.-25. (In Vol. 58, No. 10.) The vitamin G content of some oil press-cake meals and related products. F. W. Sherwood and J. O. Halverson.

Journal of agricultural research. Vol. 59, No. 2, July 15; No. 3, August 1, 1938.

Land policy review. Vol. II, no. 4, July-August 1939. Price, 5¢ a copy; 25¢ a year, domestic.²

Gives information on current developments in land policy and land programs to workers of the Department of Agriculture and cooperating groups.

Monthly weather review. Vol. 66, 1938, Index; Vol. 67, No. 5, May 1938. Illus. Price, 20¢ a copy; \$2.00 a year, domestic; \$2.75 a year, foreign.² Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary and (3) climatological tables.

Public roads. Vol. 19, Index, March 1939-February 1939; Vol. 20, no. 5, July 1939. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year, foreign.²

Makes available to road builders the results of investigations relating to the physical and economic problems of road building.

Soil conservation. Vol. 5, no. 2, August 1939. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year, foreign.²

Issued monthly by the Soil Conservation Service. Seeks to supply to workers and cooperators of the Department of Agriculture engaged in soil-conservation activities information of especial help to them in the performance of their duties.

Weekly weather and crop bulletin. Nos. 31-35, August 1-29, 1939. Price, 50¢ domestic; \$1.50 a year, foreign.²

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.